

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Wednesday, February 21st 2018
As of 0900 CST

Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
02/20/18	Initial Report of Wind Damage	Dallas County	N
02/20/18	Initial Report of the Tate Fire	Stonewall County	N
02/20/18	Final Report of the 136 Fire	Potter County	Y
02/20/18	Final Report of the Tate Fire	Stonewall County	Y
02/21/18	Final Report of a Road Closure (FM79) with Fuel Spill	Lamar County	Y
02/21/18	Initial report of a Boil Water Notice	Anderson County	N

Informational Products

Distributed by the State Operations Center

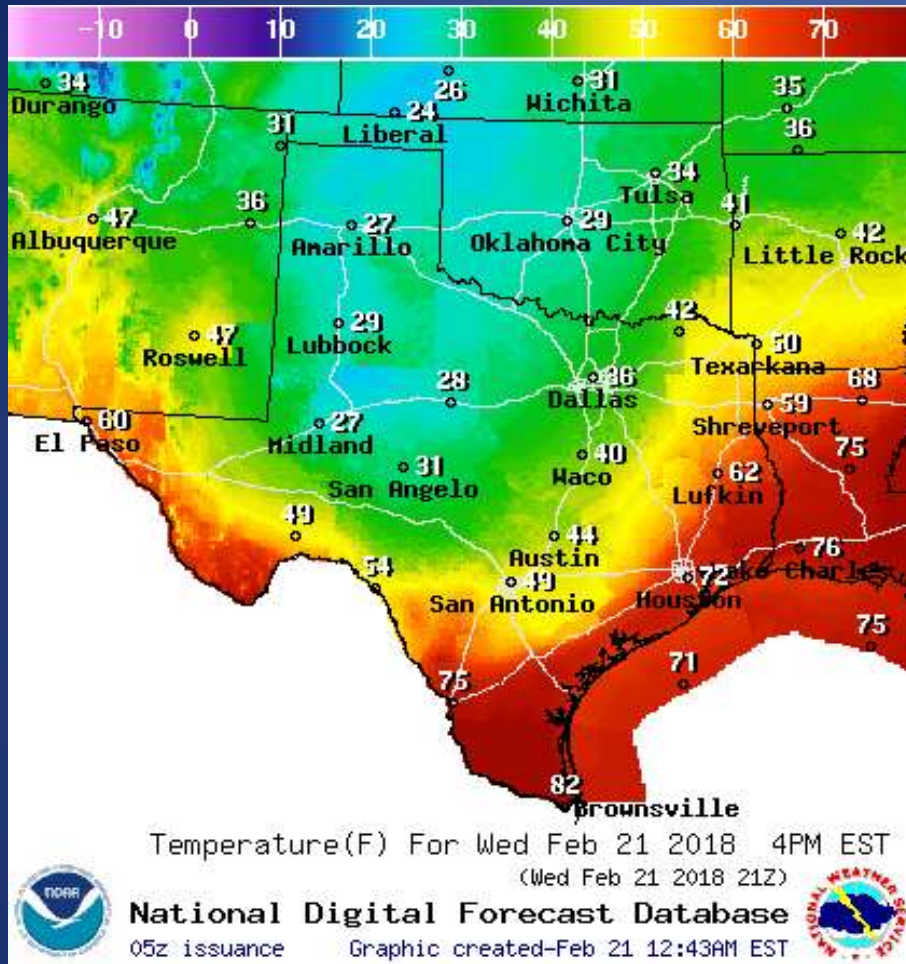
DATE	SUBJECT
02/20/18	FEMA Region 6 RRCC Daily Situational Awareness Report
02/20/18	NWS UPDATE: Thunderstorms and Heavy Rain - Wintry Weather Potential Northwest
02/20/18	Hazardous Weather Situation Report - NWS Lubbock - Wintry Precipitation, Feb. 21-22, 2018
02/20/18	NWS West Gulf River Forecast Center : Heavy Rainfall Flood Threat
02/20/18	NWS Shreveport - Flooding Threat for Tonight through Thursday Morning
02/20/18	NWS Fort Worth Update: Winter Weather Impacts and Flash Flood Potential
02/20/18	NWS Houston/Galveston - Heavy Rainfall Potential Tonight through Friday Morning
02/20/18	NWS Fort Worth Hydrologic Statement for Trinity River at Dallas in Dallas County
02/20/18	NWS Fort Worth Public Information Statement - 24 Hour Rainfall Reports 8 PM Monday to 8 PM Tuesday
02/20/18	NWS Fort Worth Hydrologic Statement - Trinity River Sister Grove Creek - Collin and Kaufman Counties
02/21/18	NWS Fort Worth Hydrologic Statement for the Sulphur River
02/21/18	Daily NWS Threat Brief for Wednesday, February 21, 2018 for FEMA Region 6

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
02/21/18	FEMA Region 6 Daily Situation Awareness Brief
02/21/18	NWS Amarillo Winter Weather Briefing For Today

Weather Forecast

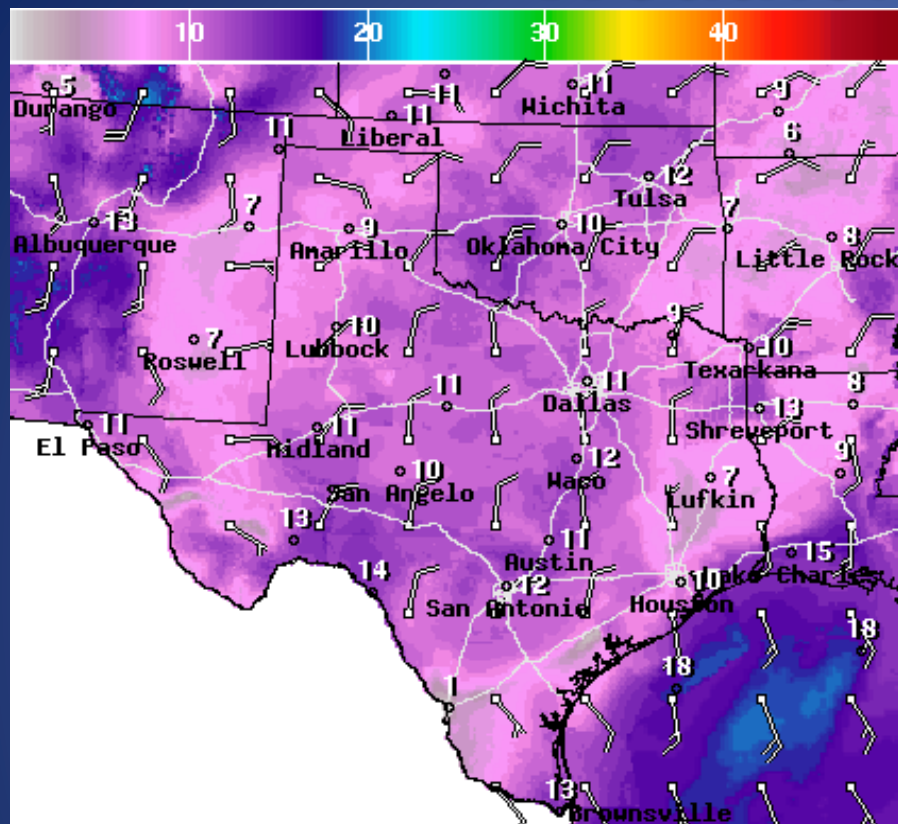


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Wed Feb 21 2018 4PM EST

(Wed Feb 21 2018 21Z)



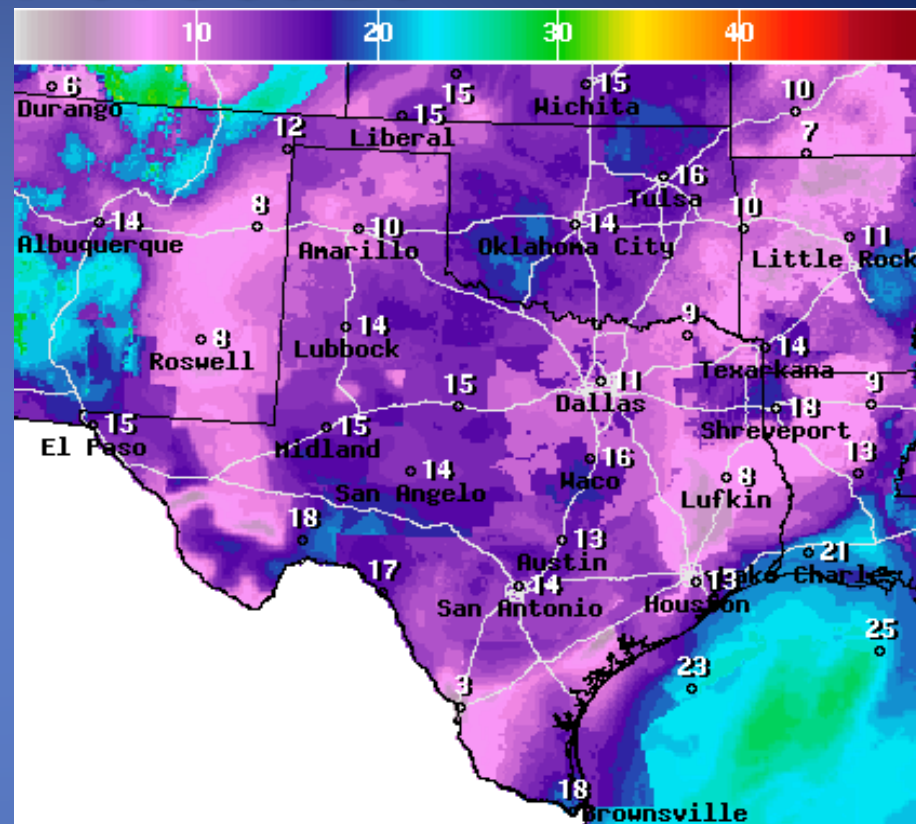
National Digital Forecast Database

05z issuance

Graphic created-Feb 21 12:47AM EST



Wind Speeds



Wind Gust(Kts) Wed Feb 21 2018 4PM EST

(Wed Feb 21 2018 21Z)



National Digital Forecast Database

05z issuance

Graphic created-Feb 21 12:33AM EST



Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Feb 21 2018 0700 AM CST
Valid Until: Feb 22 2018 0600 AM CST

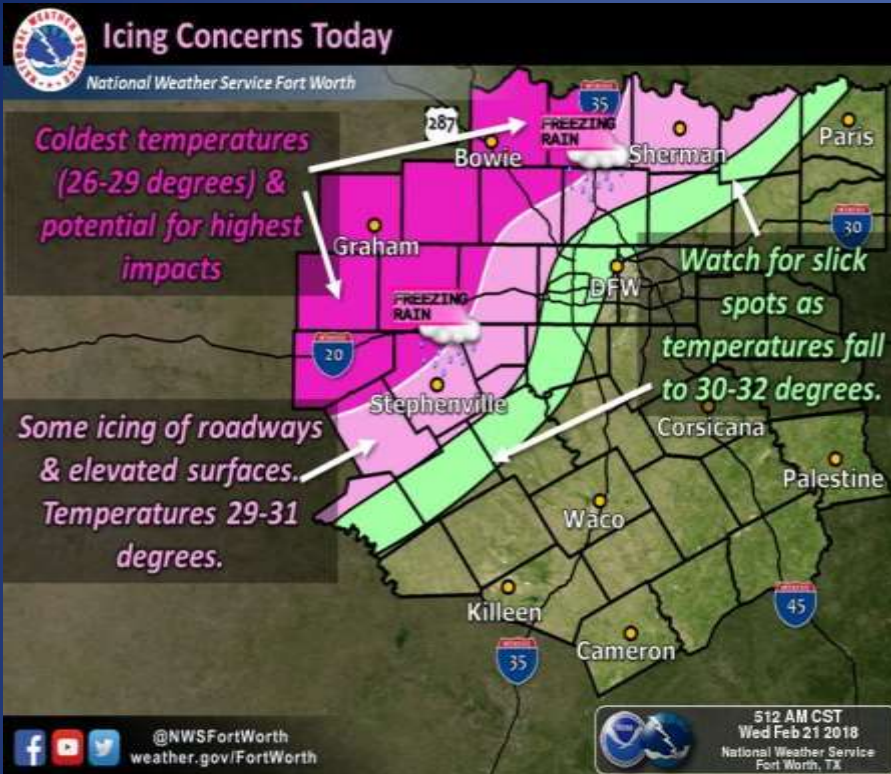
Severe Weather Outlook Wednesday, February 21, 2018



National Weather Service
Storm Prediction Center

<http://www.spc.noaa.gov>

Hazardous Weather



As temperatures continue to fall, there will be some icing concerns mainly across areas along and northwest of a Comanche to Denton to Bonham line. The worst icing is expected to be in areas from Eastland to Mineral Wells to Gainesville northwestward. The first things to freeze will be elevated surfaces, such as bridges and overpasses. In the areas where temperatures fall into the 26 to 28 degree range ice will likely start to accumulate on all roadways.



Hazardous Weather

Winter Weather Advisory

Until 3 PM CST This Afternoon

Weather Forecast Office
Midland/Odessa, TX

Issued February 21, 2018 3:16 AM CT



Winter Weather Advisory across the Permian Basin. Conditions will improve SW to NE by afternoon.

Ice Accumulations...

+ **Freezing Rain:** Glaze on bridges, overpasses and other elevated surfaces. Up to 0.10" on vehicles and power lines

+ **Sleet:** Generally less than 1", with isolated 1"-2" in thunderstorms

Impacts...

+ Roads could become slick making driving hazardous.
+ Slick sidewalks may cause slips and falls.

Preparedness Actions...

+ Prepare for icy driving conditions by reducing speeds and allow for longer stopping distances.



f t NWSMidland

weather.gov/maf

Winter Weather Advisory

- 6 AM Until Midnight
- 1-2 inches of Snow
- 0.10 to 0.20 inch of ice
- Slick Conditions Expected



National Weather Service - Amarillo

Issued: 2/21/2018 4:56 AM



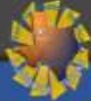
A Winter Weather Advisory is in effect this morning until 3 PM CST this afternoon for the Permian Basin. Freezing rain and sleet are expected, and while ice accumulations will be light, bridges and overpasses could become hazardous this morning. Generally under 1" of sleet is anticipated, though thunderstorms could result in isolated amounts up to 2". Conditions will improve from the southwest to northeast through this afternoon.

Hazardous Weather



Winter Weather Advisory

National Weather Service – Lubbock, Texas



Counties included in the Advisory shaded in purple



WINTER WEATHER ADVISORY UNTIL 6PM TODAY

- Periods of sleet through the day.
- Accumulations up to 1/10 inch are expected.

Road Conditions

TX: 800-452-9292

drivetexas.org

What

- Periods of sleet
- Possible thunder, too

Timing

- Through the day and into early evening

Impacts

- Icy roads will cause hazardous travel conditions


www.weather.gov/lubbock

A Winter Weather Advisory has been issued for today until 6 p.m. for areas along and east of a line from Silverton to Lubbock to Seagraves. Periods of sleet are expected as showers move from southwest to northeast during the day. A few of the showers may be accompanied by lightning and thunder.

Wednesday's Forecast

Weather Forecast Office
El Paso, TX

Issued February 20, 2018 7:24 PM



Partly Cloudy and Cooler


Lowland Rain Showers West of the Rio Grande




Mountain Snow Showers in the Morning

Weak Backdoor Cold Front to the East

Light & Variable Winds Early Morning

South Winds 10-15 MPH Afternoon



NWSElPaso

weather.gov/epz

An upper level disturbance to our west brings a slight chance for rain showers to areas west of the Rio Grande and mountain snow showers in the morning. The rest of the region should see partly cloudy skies and cooler temperatures. A weak cold front moves in from the east in the morning hours only shifting our winds to the east in Hudspeth and eastern El Paso counties. Light and variable winds are expected in the morning, then becoming from the south between 10 to 15 mph in the afternoon.

Hazardous Weather

Cold and Wintry Today

Conditions will improve through this afternoon

Weather Forecast Office

Midland/Odessa, TX



Issued February 21, 2018 4:03 AM CT

This Morning



This Afternoon



NWSMidland

weather.gov/maf

A mix of freezing rain and sleet north, freezing rain and rain along the Pecos River, and all rain south is expected this morning. Isolated thunderstorms could result in locally higher sleet accumulations, as well as moderate rainfall. As temperatures warm through this afternoon, wintry precipitation will be confined to the northeastern Permian Basin, with lingering rain showers south and west. Temperatures this afternoon will only reach the 30s and 40s for most of the area, with 60s confined to the Rio Grande Valley.

Cold Tonight

Freezing Rain/Drizzle possible east

Weather Forecast Office

Midland/Odessa, TX



Issued February 21, 2018 4:29 AM CT



It will be cold overnight, with the potential for light freezing rain or freezing drizzle across the eastern Permian Basin late tonight and early Thursday morning.

NWSMidland

weather.gov/maf

It will be cold tonight across the area, with light freezing rain or freezing drizzle possible late tonight into early Thursday morning, mainly across the far eastern Permian Basin. Any moisture on roads could also freeze overnight, so be cautious and prepare for potential slick conditions

Hazardous Weather

Icy Conditions Today. Travel may be Difficult!

IMPACTS:

- Roads may be icy, especially bridges and overpasses. Remember...no driver and no vehicle is immune to sliding on ice!
- North of a San Angelo to Brownwood line but main area of concern is along and north of I-20 and includes Abilene and Sweetwater.
- Be careful when walking. Ice may form on stairs and walkways.

Winter Weather Advisory in Effect Until 6 PM

Cold Rain Likely.



National Weather Service San Angelo, TX Updated: Feb 21 4:37 AM

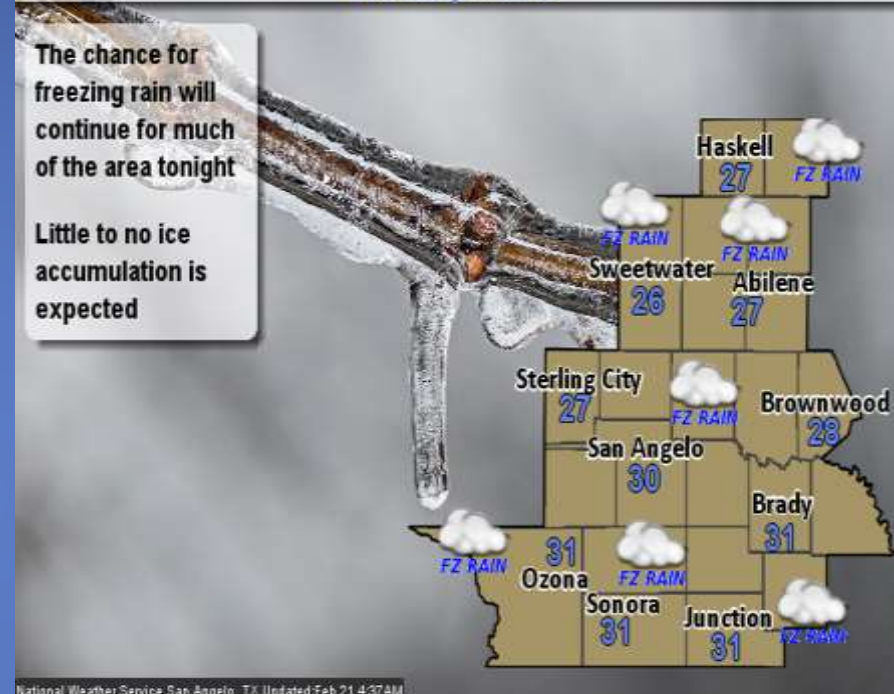
As temperatures continue to drop below freezing this morning, freezing rain will be possible, mainly north of a San Angelo to Brownwood line. This may result in ice developing on elevated surfaces, some roadways, bridges, and overpasses. Motorists are urged to drive with caution today.

Freezing Rain Possible Tonight

Low Temperatures

The chance for freezing rain will continue for much of the area tonight

Little to no ice accumulation is expected



Freezing rain will be possible across much of the area tonight. Little to no accumulation of ice is expected. Overnight lows will be in the mid 20s to lower 30s.

Hazardous Weather

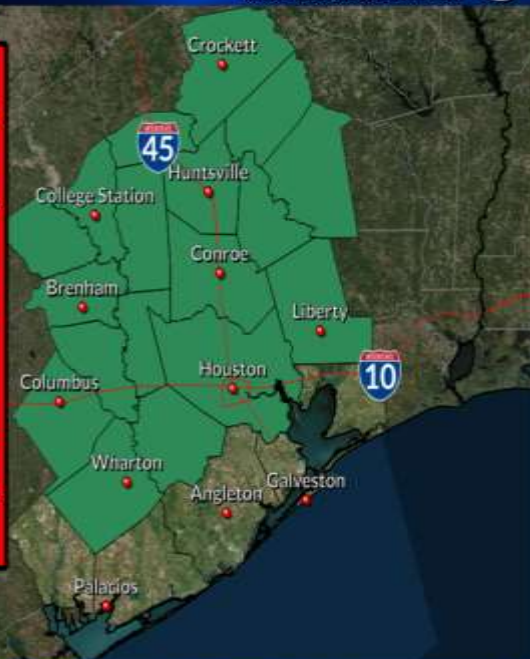
Flash Flood Watch

...in effect until 3 PM CST

Flash Flood Watch in effect (counties in green) until 3 PM CST.

Showers and thunderstorms are developing across SE TX early this morning, and expect increasing coverage through this afternoon. Activity may concentrate along and ahead of a cold front that will be moving into the area.

Rainfall rates of 1 to 3 inches per hour with locally higher amounts will be possible with the stronger activity or where any training sets up.



@NWSHouston

weather.gov/hgx

Weather Forecast Office
NWS Houston/Galveston TX
Issued Feb 21, 2018 2:30 AM CST



Today

More Showers and Thunderstorms Possible

Showers/thunderstorms possible today as a cold front moves through the area. Front might stall around the coast this evening.

Colder (40s and 50s) behind the front and warmer (60s and 70s) ahead of the front.



@NWSHouston

weather.gov/hgx

Weather Forecast Office
NWS Houston/Galveston TX
Issued Feb 21, 2018 6:21 AM CST



Showers and thunderstorms can be expected today as a cold front moves through the area. The front might stall around the coast this evening. It will be colder (40s and 50s) behind the front and warmer (60s and 70s) ahead of the front.

Hazardous Weather



As temperatures continue to fall, there will be some icing concerns mainly across areas along and northwest of a Comanche to Denton to Bonham line. The worst icing is expected to be in areas from Eastland to Mineral Wells to Gainesville northwestward. The first things to freeze will be elevated surfaces, such as bridges and overpasses. In the areas where temperatures fall into the 26 to 28 degree range ice will likely start to accumulate on all roadways.



It will remain cloudy and cold through this afternoon. Freezing rain is expected along and northwest of an Eastland to Gainesville line and either rain or freezing rain elsewhere along and northwest of a Goldthwaite to Denton to Bonham line. There will be showers and thunderstorms across the rest of North and Central Texas and heavy rain will lead to localized flooding. Highs will be in the upper 20s northwest to the mid 50s southeast. Expect north winds 15 to 20 mph.

Hazardous Weather

Thursday Morning



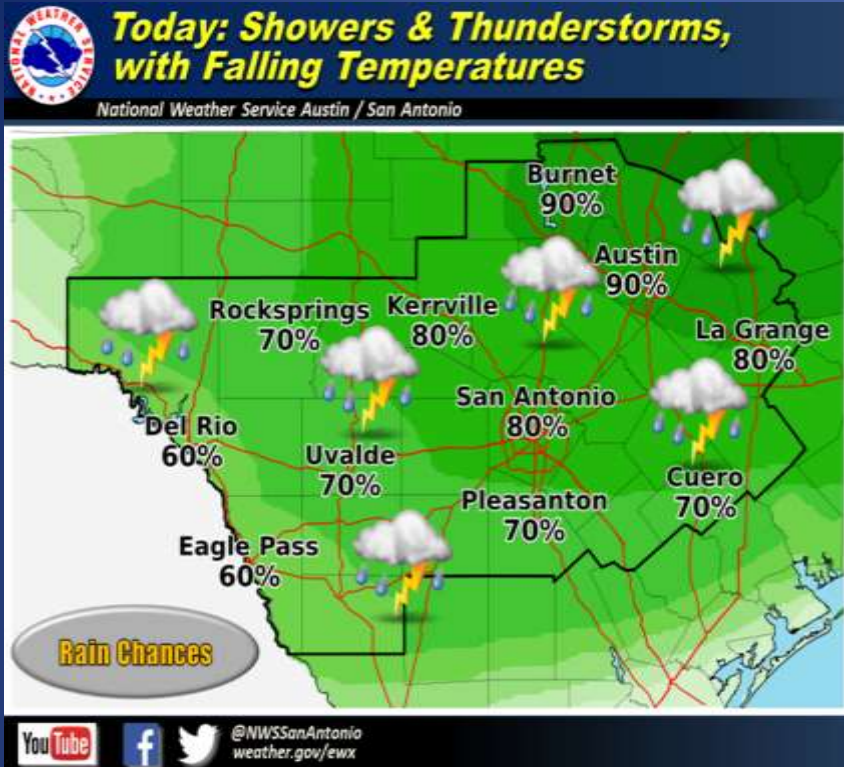
It will be cloudy and cold Thursday morning with a chance of rain or freezing rain along and northwest of a Goldthwaite to Sherman line. There will be a chance of rain elsewhere. Temperatures will rise into the lower 30s northwest to the mid 40s southeast by midday. Some light ice accumulations will be possible in the areas where temperatures are below freezing.

Winter Weather Advisory until Midnight



A Winter Weather Advisory is in effect for areas along and northwest of a Comanche to Glen Rose to Denton to Bonham until midnight tonight. Freezing rain is expected to produce ice accumulations ranging from few hundredths to two-tenths of an inch which will make travel hazardous. Temperatures will stay slightly below freezing. Please exercise caution. Be prepared for slippery roads. Slow down and use caution while driving. The latest road conditions for Texas can be found at drivetexas.org.

Hazardous Weather



Numerous showers and isolated thunderstorms can be expected across South Central Texas and the Hill Country today. In the wake of a cold front currently moving across our area, temperatures will fall into the 30s north to 40s south.

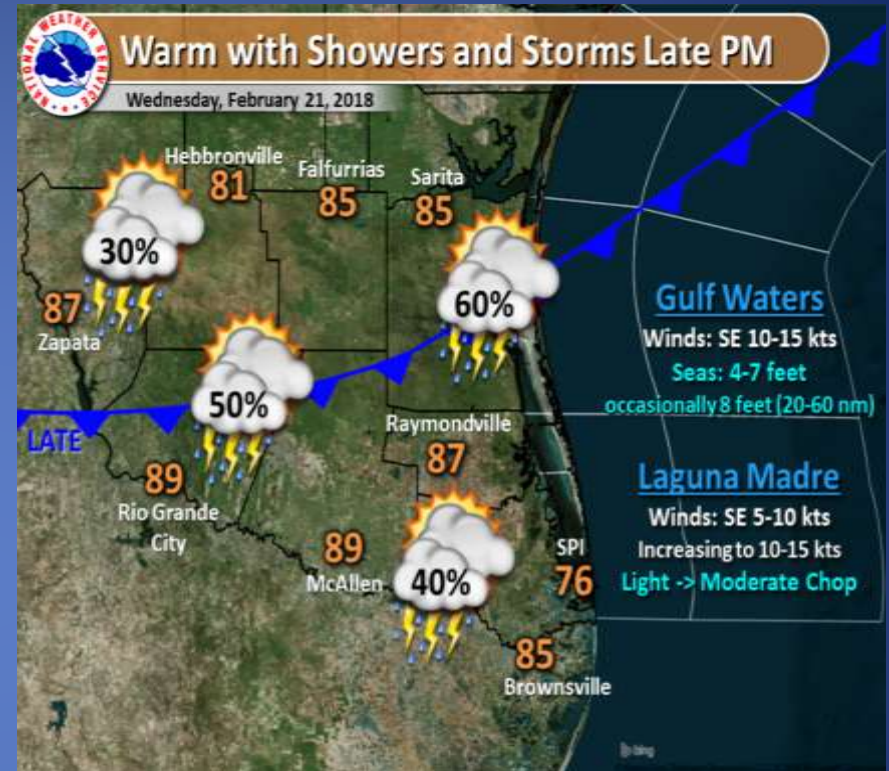


Our cold front today will bring morning lows on Thursday down to freezing or below. The coldest locations may even see some freezing rain in the early morning hours Thursday if rain is able to develop. This freezing rain should be light, and accumulations are not expected beyond some light icing on exposed surfaces.

Hazardous Weather



It will be much colder tonight, with showers likely continuing over the southern and eastern portions of South Texas, but less rainfall activity elsewhere. Thunder will again be possible, mainly near the coast and offshore. Lows tonight will be in the 40s, and with brisk north winds of 10 to 20 mph, the change from 24 hours earlier will be noticeable.



Another warm day on tap for deep south Texas with a cold front trying to push into the north and central portions by this afternoon and early evening. The best chance of showers and thunderstorms will be along the frontal boundary late this afternoon into tonight. The front is expected to stall overnight and eventually push back north Thursday into Friday. Mariners are advised to use caution on nearshore and offshore waters today with seas of 4-7 and occasionally 8 feet possible. A light chop on the bay will increase to a moderate chop this afternoon due to increasing southeasterly winds.

Hazardous Weather



High Risk of Rip Currents Today

Wednesday, February 21, 2018

RIP CURRENTS
¡ESCÁPESE DE LA CORRIENTE!

www.ripcurrents.noaa.gov
www.usfa.org

IF CAUGHT IN A RIP CURRENT
SI LO ATRAPÁ LA CORRIENTE PELIGROSA

- ♦ Don't fight the current
No luche contra la corriente
- ♦ Swim even with the shore, until current weakens, then swim to shore
Nade al nivel de la orilla hasta que la corriente se debilita
- ♦ If you can't escape, float or tread water
Si no logra escapar, manténgase a flote pedaleando
- ♦ If you need help, call or wave for assistance
Si necesita auxilio, grite o agite los brazos

Never swim alone - Nunca nade solo

More information about rip currents can be found at the following web sites:
Para más información acerca de las corrientes peligrosas consulte estos sitios de web:
www.ripcurrents.noaa.gov
www.usfa.org



Late PM

Wave Heights: **2 to 4 feet**

Surf Temp: **66°F**

Air Temp: **Upper 70s**

UV Index: **High**

Winds: **Southeast 15-20 mph**

Tides: **High Tide at 7:50 am**

Minor Low at 12:57 pm

Minor High at 5:14 pm

Low at 1:15 am (Thu)

A high risk of life threatening rip currents will be likely in the surf zone today due to increasing southerly winds. Expect mostly cloudy skies with isolated showers and thunderstorms late this afternoon and high temperatures in the upper 70s.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
02/20/18	Severe Thunderstorm Warning	McCulloch and San Saba Counties
02/20/18	Flood Advisory for Minor Flooding in Poor Drainage Areas	Collin, Comanche, Dallas, Denton, Ellis, Erath, Fannin, Hood, Hunt, Montague, Jack, Johnson, Palo Pinto, Parker, Rockwall, Somervell, Tarrant and Wise Counties
02/20/18	Flash Flood Warning	Collin, Dallas and Denton Counties
02/20/18	Flood Warning	Walnut Creek in Tarrant County; White Rock Creek in Dallas County; Elm Fork Trinity River in Collin and Dallas County; Trinity River in Dallas, Henderson and Navarro Counties; Rowlett Creek in Dallas County;
02/20/18	Flood Warning Continues	Cowleech Fork / South Fork Sabine River in Hunt and Rockwall Counties
02/20/18	Winter Weather Advisory	Denton and Grayson Counties
02/20/18	Arroyo and Small Stream Flood Advisory	Hidalgo and Starr Counties
02/20/18	Flood Advisory	Bee, Goliad and Hill Counties
02/21/18	Flood Advisory	Limestone County

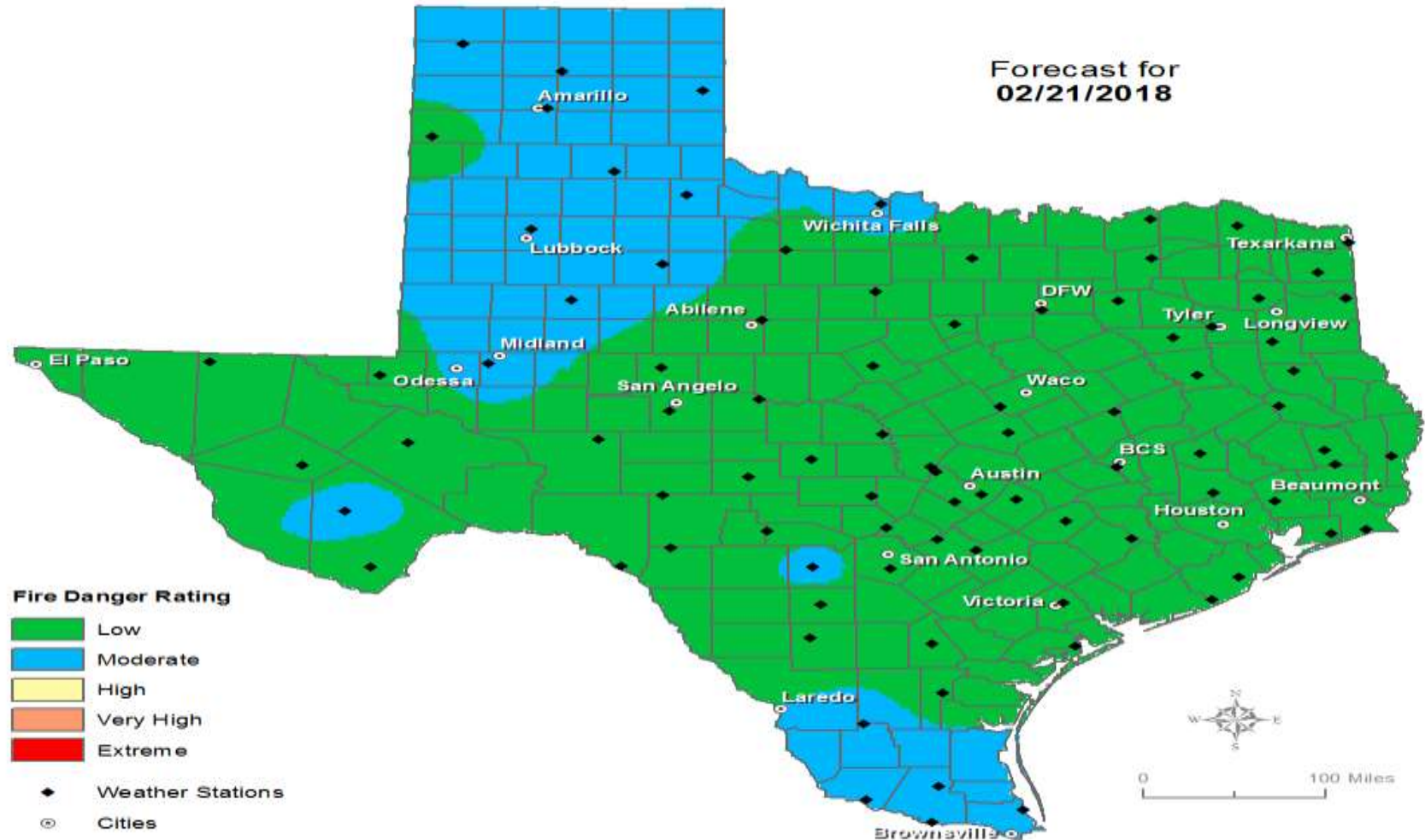
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
02/21/18	Flood Advisory	Blanco, Bosque, Brazoria, Burnet, Collin, Coryell, Dallas, Delta, Denton, Dewitt, Fannin, Galveston, Goliad, Hamilton, Harris, Hill, Hopkins, Hunt, Lampasas, Lavaca, Llano, Rockwall, Tarrant and Victoria Counties
02/21/18	Flash Flood Warning	Bowie, Franklin, Red River and Titus Counties
02/21/18	Flood Warning	Collin County, South Sulphur River Near Cooper Affecting Delta and Hopkins Counties

Fire Danger Forecast

Forecast Fire Danger

Forecast for
02/21/2018



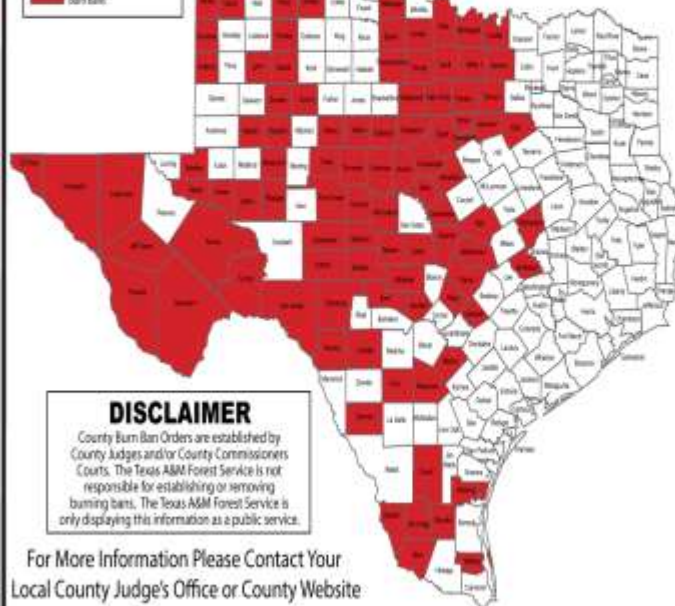
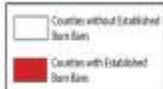
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

February 21, 2018



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 119

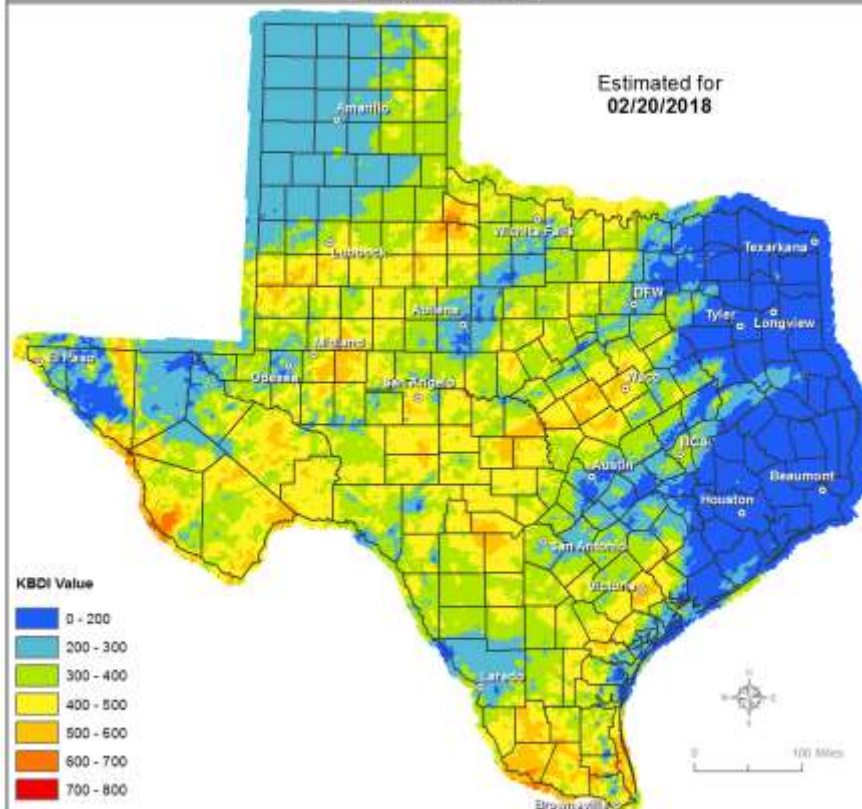
Archer	Howard	Tom Green
Armstrong	Hudspeth	Travis
Alexandria	Hutchinson	Upton
Bailey	Jack	Uvalde
Baylor*	Jeff Davis	Val Verde
Bell	Jim Hogg	Ward
Bender	Johnson	Wheeler
Brewster	Kendall	Willbarger
Brewster	Kerr	Willacy
Brown	Kimble	Williamson
Burleson	Kiowa	Wilson
Caldwell	Kriebitz	Winkler*
Callahan	Lamb	Wise
Carson	Lampasas	Yoakum
Castro	Lipscomb	Young
Childress	Llano	Zapata
Clay	Lynn	
Cocharse	Martin	
Coke	McCook	
Coleman	McIntosh	
Collingsworth	Menard	
Comanche	Miller	
Concho	Montague	
Cooke	Moran	
Cone	Murray	
Crosby	Nolan	
Garland	Ochiltree	
Gallatin	Oldham	
Gallagher	Palo Pinto	
Gillespie	Parker	
Glasscock	Pecos	
Gray	Polk	
Hall	Presidio	
Hamilton	Randall	
Hartford	Reagan	
Haskell	Roberts	
Hays	Robertson	
Hemphill	Russell	
Hood	Schleicher	
	Scurry	
	Shelby	
	Starr	
	Stephens	
	Sutton	
	Swisher	
	Tarrant	
	Taylor	
	Texas	

* Burn Ban is in effect during a Red Flag Warning only.
* Burn Ban is in effect during a Red Flag Warning only.

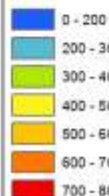
Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
02/20/2018



KBDI Value



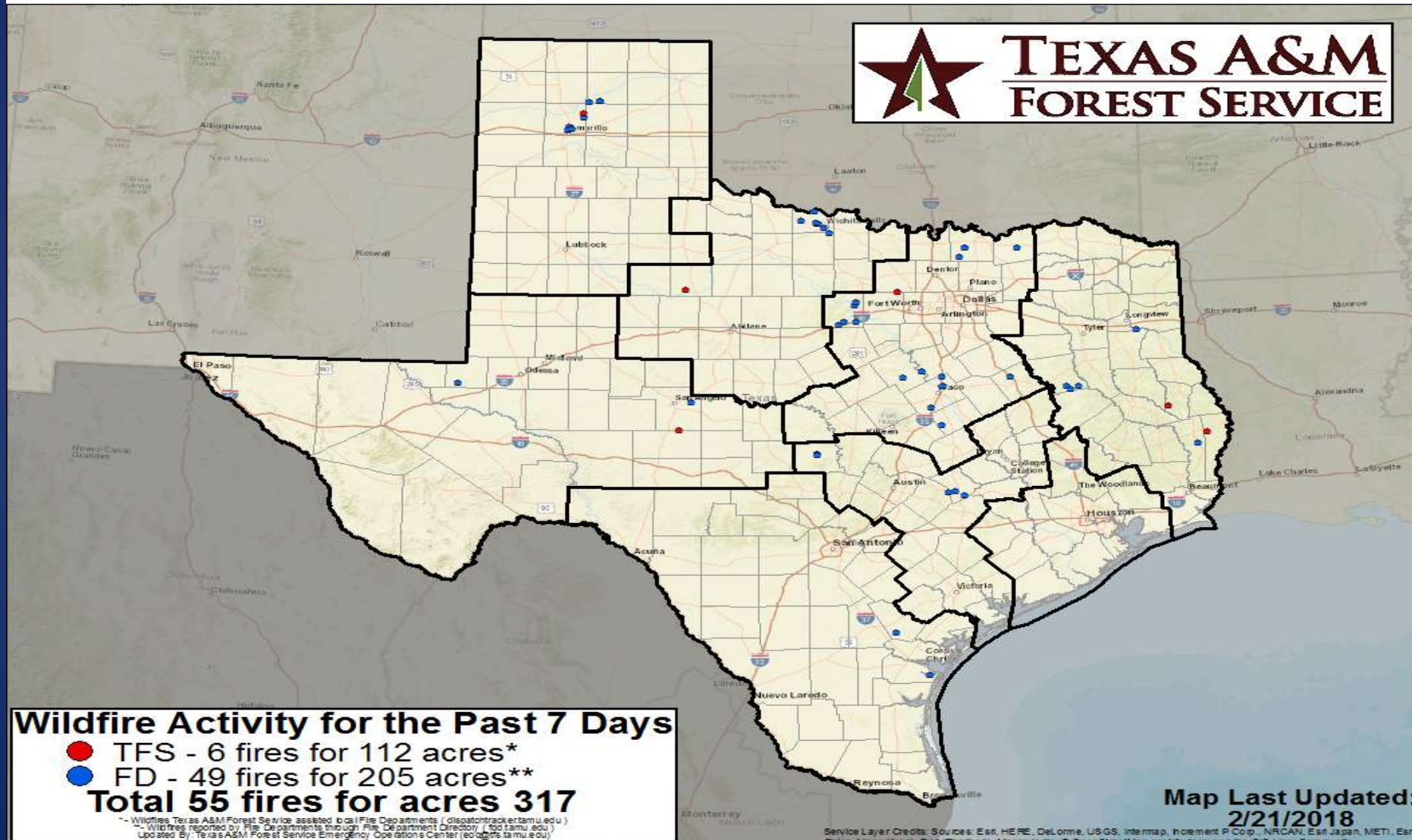
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 164 (+1) fires and 14,502 (+2) acres destroyed this year. There are 120 (-3) counties with burn bans. The Keetch-Byram Drought Index list 61 (-4) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
01/11/18	02/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	03/29/18	Community Emergency Response Team (CERT) Course	G-317	Yorktown
02/19/18	03/02/18	NFA Chemistry for Emergency Response	H-402	Seguin
02/20/18	02/21/18	Jurisdictional Threat and Hazard Identification and Risk Assessment	MGT-310	Weslaco
02/20/18	02/22/18	Intermediate Incident Command System for Expanding Incidents	G-300	Beaumont
02/20/18	02/23/18	Introduction to the Computer-Aided Management of Emergency Operations (CAMEO) Suite [ICAMEO] (Train-the-Trainer)	PER-229-1	Borger
02/21/18	02/21/18	HazMat Refresher Training	H-302	Paris
02/21/18	02/22/18	INDIRECT DELIVERY - Homeland Security Exercise and Evaluation Program (HSEEP) Basic Course	L-146	Austin

Training

DATES		TITLE	COURSE	LOCATION
02/21/18	02/22/18	Advanced Incident Command System, Command and General Staff	G-400	Cedar Park
02/21/18	02/22/18	Recovery From Disaster: The Local Government Role	G-205	Dallas
02/21/18	02/22/18	Mission Essential Functions Workshop (Continuity Guidance)	E/L-557	Austin
02/21/18	02/22/18	Local Mitigation Planning Workshop	G-318	San Angelo

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
02/21/18	02/22/18	Texas Division of Emergency Management/Austin	Homeland Security Exercise & Evaluation Program Course
02/21/18	02/21/18	U.S. Army Corps of Engineers/Grand Prairie	Tabletop: Joe Pool Dam and Benbrook Dam EAPs Drill
02/22/18	02/22/18	Kerr County/Kerrville	Tabletop: P2P Mass Care Exercise
02/22/18	02/22/18	U.S. Army Corps of Engineers/TBD	Drill: Canyon Lake Exercise